

## WEST Search History





DATE: Monday, August 09, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L25	L24 and ((without or with-out or "with out" or "not") with (overlap\$4 or over-lap\$4))	9
<input type="checkbox"/>	L24	L22 and (overlap\$4 or over-lap\$4)	49
<input type="checkbox"/>	L23	L22 and (adjoin\$4)	3
<input type="checkbox"/>	L22	L8 and (shar\$3 or common or ("same" with coil) or route or routed or routing or direct\$3 or path)	78
<input type="checkbox"/>	L21	5592088 or 5548218	28
<input type="checkbox"/>	L20	5208534	19
<input type="checkbox"/>	L19	L12 not L14	12
<input type="checkbox"/>	L18	L14 not L15	11
<input type="checkbox"/>	L17	9837438	2
<input type="checkbox"/>	L16	L15 and (overlap\$4 or over-lap\$4)	23
<input type="checkbox"/>	L15	L14 and (capacit\$4)	33
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<input type="checkbox"/>	L13	L12 and (induct\$4)	46
<input type="checkbox"/>	L12	L11 and (highpass or high-pass or "high pass" or HP or LP or "low pass" or low-pass or lowpass or bandpass or band-pass or BP or "band pass" or "band stop" or bandstop or band-stop or BS)	56
<input type="checkbox"/>	L11	L10 and (birdcade or "bird cage" or bird-cage or solenoid\$4 or Alderman or Grant or resonator or (transverse with electromagnetic) or TEM or saddle or CRC or (counter with rotating) or Helmholtz or surface or local or loop or ring or volume)	66
<input type="checkbox"/>	L10	L9 and (identic\$4 or equivalent\$2 or mirror\$3 or symmetrical\$3 or symmetry or geometry or ("same" with dimension))	66
<input type="checkbox"/>	L9	L8 and ((separat\$3 or isolat\$4 or decoupl\$4 or de-coupl\$4) with coil)	71
<input type="checkbox"/>	L8	L7 and ((first or second or third or primary or secondary or tertiary) with coil)	78
<input type="checkbox"/>	L7	L6 and ((simultaneous\$3 or "at the same time" or ("same" with time)) with coil)	102
<input type="checkbox"/>	L6	L5 and ((independent\$3 or separat\$3 or individual\$3 or respectiv\$3) with coil)	214
<input type="checkbox"/>	L5	L4 and (independent\$3 or separat\$3 or individual\$3 or respectiv\$3)	331
<input type="checkbox"/>	L4	L3 and (simultaneous\$3 or "at the same time" or ("same" with time))	335
<input type="checkbox"/>	L3	L2 and (drive or driving or driven or ((power\$3 or suppl\$3) with coil))	481
<input type="checkbox"/>	L2	L1 and (field-of-view or "field of view" or FOV)	698

☐ L1 ((RF or (radio adj frequency) or radiofrequency or radio-frequency) with (coil or array)) 28617

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 23 of 23 returned.

☐ 1. Document ID: US 20040090233 A1

Using default format because multiple data bases are involved.

L16: Entry 1 of 23

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040090233

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040090233 A1

TITLE: Circuit for selectively enabling and disabling coils of a multi-coil array

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Belt, Kenneth W.	Fort Atkinson	WI	US	
Reichel, Michael	Pittsburgh	PA	US	
Watral, J. Michael	Freeport	PA	US	
Lewandowski, Stanley R.	Cheswick	PA	US	
Adams, Bradley J.	West Leechburgh	PA	US	
Augustine, Lisa A.	Natrona Heights	PA	US	
Bell, Robert S. JR.	Pittsburgh	PA	US	

US-CL-CURRENT: [324/322](#); [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 2. Document ID: US 20040090232 A1

L16: Entry 2 of 23

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040090232

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040090232 A1

TITLE: Interface for coupling an array of coils to a magnetic resonance imaging system

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Belt, Kenneth W.	Fort Atkinson	WI	US
Reichel, Michael	Pittsburgh	PA	US
Watral, J. Michael	Freeport	PA	US
Lewandowski, Stanley R.	Cheswick	PA	US
Adams, Bradley J.	West Leechburg	PA	US
Augustine, Lisa A.	Natrona Heights	PA	US
Bell, Robert S. JR.	Pittsburgh	PA	US

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Dg
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☐ 3. Document ID: US 20030117140 A1

L16: Entry 3 of 23

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030117140  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030117140 A1

TITLE: Peripheral vascular array

PUBLICATION-DATE: June 26, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Belt, Kenneth W.	Fort Atkinson	WI	US	
Reichel, Michael	Pittsburgh	PA	US	
Watral, J. Michael	Freeport	PA	US	
Lewandowski, Stanley R.	Cheswick	PA	US	
Adams, Bradley J.	West Leechburg	PA	US	
Augustine, Lisa A.	Natrona Heights	PA	US	
Bell, Robert S. JR.	Pittsburgh	PA	US	

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Dg
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☐ 4. Document ID: US 20030067301 A1

L16: Entry 4 of 23

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030067301  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030067301 A1

TITLE: Peripheral vascular array

PUBLICATION-DATE: April 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Belt, Kenneth W.	Fort Atkinson	WI	US	
Reichel, Michael	Pittsburgh	PA	US	
Watral, J. Michael	Freeport	PA	US	
Lewandowski, Stanley R.	Cheswick	PA	US	
Adams, Bradley J.	West Leechburg	PA	US	
Augustine, Lisa A.	Natrona Heights	PA	US	
Bell, Robert S. JR.	Pittsburgh	PA	US	

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 5. Document ID: US 20030062897 A1

L16: Entry 5 of 23

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030062897

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030062897 A1

TITLE: Peripheral vascular array

PUBLICATION-DATE: April 3, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Belt, Kenneth W.	Fort Atkinson	WI	US	
Reichel, Michael	Pittsburgh	PA	US	
Watral, J. Michael	Freeport	PA	US	
Lewandowski, Stanley R.	Cheswick	PA	US	
Adams, Bradley J.	West Leechburg	PA	US	
Augustine, Lisa A.	Natrona Heights	PA	US	
Bell, Robert S. JR.	Pittsburgh	PA	US	

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 6. Document ID: US 20020180442 A1

L16: Entry 6 of 23

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180442

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020180442 A1

TITLE: MAGNETIC RESONANCE IMAGING COIL ARRAYS WITH SEPARABLE IMAGING COIL ELEMENTS

PUBLICATION-DATE: December 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Vij, Kamal	Chandler	AZ	US	

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 20020153894 A1

L16: Entry 7 of 23

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020153894

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020153894 A1

TITLE: Peripheral vascular array

PUBLICATION-DATE: October 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Belt, Kenneth W.	Fort Atkinson	WI	US	
Reichel, Michael	Pittsburgh	PA	US	
Watral, J. Michael	Freeport	PA	US	
Lewandowski, Stanley R.	Cheswick	PA	US	
Adams, Bradley J.	West Leechburg	PA	US	
Augustine, Lisa A.	Natrona Heights	PA	US	
Bell,, Robert S. JR.	Pittsburgh	PA	US	

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 8. Document ID: US 20010045832 A1

L16: Entry 8 of 23

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010045832

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010045832 A1

TITLE: PERIPHERAL VASCULAR ARRAY

PUBLICATION-DATE: November 29, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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BELT, KENNETH W.	FORT ATKINSON	WI	US
REICHEL, MICHAEL	PITTSBURGH	PA	US
WATRAL, J. MICHAEL	FREEPORT	PA	US

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWOC	Drawings
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☐ 9. Document ID: US 6747454 B2

L16: Entry 9 of 23

File: USPT

Jun 8, 2004

US-PAT-NO: 6747454

DOCUMENT-IDENTIFIER: US 6747454 B2

TITLE: Array of coils for use in imaging the vasculature of a patient

DATE-ISSUED: June 8, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Belt; Kenneth W.	Fort Atkinson	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWOC	Drawings
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☐ 10. Document ID: US 6737866 B2

L16: Entry 10 of 23

File: USPT

May 18, 2004

US-PAT-NO: 6737866

DOCUMENT-IDENTIFIER: US 6737866 B2

TITLE: Method of imaging a vasculature of a patient

DATE-ISSUED: May 18, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Belt; Kenneth W.	Fort Atkinson	WI		
Reichel; Michael	Pittsburgh	PA		
Watral; J. Michael	Freeport	PA		
Lewandowski; Stanley R.	Cheswick	PA		
Adams; Bradley J.	West Leechburg	PA		
Augustine; Lisa A.	Okauchee	WI		
Bell, Jr.; Robert S.	Pittsburgh	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 11. Document ID: US 6714012 B2

L16: Entry 11 of 23

File: USPT

Mar 30, 2004

US-PAT-NO: 6714012

DOCUMENT-IDENTIFIER: US 6714012 B2

TITLE: Apparatus and method for positioning a patient to obtain images of the vasculature

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Belt; Kenneth W.	Fort Atkinson	WI		
Reichel; Michael	Pittsburgh	PA		
Watral; J. Michael	Freeport	PA		
Lewandowski; Stanley R.	Cheswick	PA		
Adams; Bradley J.	W. Leechburg	PA		
Augustine; Lisa A.	Okauchee	WI		
Bell, Jr.; Robert S.	Pittsburgh	PA		

US-CL-CURRENT: 324/318; 324/322, 600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 12. Document ID: US 6677755 B2

L16: Entry 12 of 23

File: USPT

Jan 13, 2004

US-PAT-NO: 6677755

DOCUMENT-IDENTIFIER: US 6677755 B2

TITLE: Circuit for selectively enabling and disabling coils of a multi-coil array

DATE-ISSUED: January 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Belt; Kenneth W.	Fort Atkinson	WI		
Reichel; Michael	Pittsburgh	PA		
Watral; J. Michael	Stow	PA		
Lewandowski; Stanley R.	Cheswick	PA		
Adams; Bradley J.	West Leechburg	PA		
Augustine; Lisa A.	Natrona Heights	PA		
Bell, Jr.; Robert S.	Pittsburgh	PA		



US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 13. Document ID: US 6498489 B1

L16: Entry 13 of 23

File: USPT

Dec 24, 2002

US-PAT-NO: 6498489

DOCUMENT-IDENTIFIER: US 6498489 B1

TITLE: Magnetic resonance imaging coil arrays with separable imaging coil elements

DATE-ISSUED: December 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vij; Kamal	Chandler	AZ	85226	

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 14. Document ID: US 6323648 B1

L16: Entry 14 of 23

File: USPT

Nov 27, 2001

US-PAT-NO: 6323648

DOCUMENT-IDENTIFIER: US 6323648 B1

TITLE: Peripheral vascular array

DATE-ISSUED: November 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Belt; Kenneth W.	Fort Atkinson	WI		
Reichel; Michael	Pittsburgh	PA		
Watral; J. Michael	Freeport	PA		
Lewandowski; Stanley R.	Cheswick	PA		
Adams; Bradley J.	West Leechburg	PA		
Augustine; Lisa A.	Natrona Heights	PA		
Bell, Jr.; Robert S.	Pittsburgh	PA		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 15. Document ID: US 6150816 A

L16: Entry 15 of 23

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816

DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUM	Drawn Ds
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☐ 16. Document ID: US 5999000 A

L16: Entry 16 of 23

File: USPT

Dec 7, 1999

US-PAT-NO: 5999000

DOCUMENT-IDENTIFIER: US 5999000 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: December 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUM	Drawn Ds
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☐ 17. Document ID: US 5964705 A

L16: Entry 17 of 23

File: USPT

Oct 12, 1999

US-PAT-NO: 5964705

DOCUMENT-IDENTIFIER: US 5964705 A

TITLE: MR-compatible medical devices

DATE-ISSUED: October 12, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Truwit; Charles L.                      Wayzata                      MN  
Liu; Haiying                              Minneapolis                      MN

US-CL-CURRENT: 600/423; 324/318, 600/13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 18. Document ID: US 5886548 A

L16: Entry 18 of 23

File: USPT

Mar 23, 1999

US-PAT-NO: 5886548

DOCUMENT-IDENTIFIER: US 5886548 A

TITLE: Crescent gradient coils

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doty; F. David	Columbia	SC		
Wilcher; James K.	Columbia	SC		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 19. Document ID: US 5777474 A

L16: Entry 19 of 23

File: USPT

Jul 7, 1998

US-PAT-NO: 5777474

DOCUMENT-IDENTIFIER: US 5777474 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 20. Document ID: US 5666055 A

L16: Entry 20 of 23

File: USPT

Sep 9, 1997

US-PAT-NO: 5666055  
DOCUMENT-IDENTIFIER: US 5666055 A

TITLE: Surface coil system for a single channel NMR receiver

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jones; Randall W.	Elkhorn	NE	68022	
Davis; Fred	LaVista	NE	68128	

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 21. Document ID: US 5554929 A

L16: Entry 21 of 23

File: USPT

Sep 10, 1996

US-PAT-NO: 5554929  
DOCUMENT-IDENTIFIER: US 5554929 A

TITLE: Crescent gradient coils

DATE-ISSUED: September 10, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doty; F. David	Columbia	SC		
Wilcher; James K.	Columbia	SC		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 22. Document ID: US 4947121 A

L16: Entry 22 of 23

File: USPT

Aug 7, 1990

US-PAT-NO: 4947121  
DOCUMENT-IDENTIFIER: US 4947121 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Apparatus and method for enhanced multiple coil nuclear magnetic resonance (NMR) imaging

DATE-ISSUED: August 7, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hayes; Cecil E.	Wauwatosa	WI		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 23. Document ID: US 4825162 A

L16: Entry 23 of 23

File: USPT

Apr 25, 1989

US-PAT-NO: 4825162

DOCUMENT-IDENTIFIER: US 4825162 A

**\*\* See image for Certificate of Correction \*\***TITLE: Nuclear magnetic resonance (NMR) imaging with multiple surface coils

DATE-ISSUED: April 25, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Roemer; Bernard	Schenectady	NY		
Edelstein; William A.	Schenectady	NY		

US-CL-CURRENT: 324/318; 324/312

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
OVERLAP\$4	0
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OVERLAPAIAD	1
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OVERLAPAIL	1
(L15 AND (OVERLAP\$4 OR OVER- 1AP\$4)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	23

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☐ 1. Document ID: WO 9837438 A1

Using default format because multiple data bases are involved.

L17: Entry 1 of 2

File: EPAB

Aug 27, 1998

PUB-NO: WO009837438A1

DOCUMENT-IDENTIFIER: WO 9837438 A1

TITLE: RADIO-FREQUENCY COIL ARRAY FOR RESONANCE ANALYSIS

PUBN-DATE: August 27, 1998

INVENTOR-INFORMATION:

NAME

COUNTRY

SRINIVASAN, RAVI

INT-CL (IPC): G01 V 3/00

EUR-CL (EPC): G01R033/341; G01R033/3415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	WPI	Draw
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☐ 2. Document ID: WO 9837438 A1, AU 9861827 A, US 6150816 A

L17: Entry 2 of 2

File: DWPI

Aug 27, 1998

DERWENT-ACC-NO: 1998-467743

DERWENT-WEEK: 199840

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TITLE: Radio-frequency coil array for resonance e.g. magnetic analysis - provides new combination of integrated but isolated coil structures, yet maintaining preferred current distribution and mode orientation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	WPI	Draw
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Term	Documents
"9837438"	2
9837438S	0
"9837438".PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

(9837438).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2
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### Search Results - Record(s) 1 through 11 of 11 returned.

☐ 1. Document ID: US 20040135579 A1

Using default format because multiple data bases are involved.

L18: Entry 1 of 11

File: PGPB

Jul 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040135579

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040135579 A1

TITLE: Magnetic resonance imaging apparatus and method

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Takizawa, Masahiro	Chiba		JP	
Takahashi, Tetsuhiko	Saitama		JP	
Ochi, Hisaaki	Tokyo		JP	
Taniguchi, Yo	Tokyo		JP	

US-CL-CURRENT: [324/309](#); [324/307](#), [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 2. Document ID: US 20040044280 A1

L18: Entry 2 of 11

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	Keighly		GB	
Lee, Kuan	Sheffield		GB	

US-CL-CURRENT: [600/410](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 3. Document ID: US 20030184294 A1

L18: Entry 3 of 11

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030184294  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030184294 A1

TITLE: Multiple channel, neuro vascular array coil for magnetic resonance imaging

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Boskamp, Eddy Benjamin	Menomonee	WI	US	
Lorbiecki, John E.	Hubertus	WI	US	
Blawat, LeRoy Raymond II	Milwaukee	WI	US	

US-CL-CURRENT: 324/318; 324/309, 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 4. Document ID: US 20020165447 A1

L18: Entry 4 of 11

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165447  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020165447 A1

TITLE: Switchable field of view apparatus and method for magnetic resonance imaging

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Boskamp, Ed B.	Menomonee Falls	WI	US	
Weyers, Daniel J.	Wauwatosa	WI	US	

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 5. Document ID: US 20020149367 A1

L18: Entry 5 of 11

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020149367  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020149367 A1

TITLE: Switchable FOV coil assembly having end saddle coils

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Boskamp, Ed B.	Menomonee Falls	WI	US	
Weyers, Daniel J.	Wauwatosa	WI	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 20010043068 A1

L18: Entry 6 of 11

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010043068  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010043068 A1

TITLE: Method for parallel spatial encoded MRI and apparatus, systems and other methods related thereto

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lee, Ray F.	Clifton-Park	NY	US	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 6590392 B2

L18: Entry 7 of 11

File: USPT

Jul 8, 2003

US-PAT-NO: 6590392  
DOCUMENT-IDENTIFIER: US 6590392 B2

TITLE: Switchable FOV coil assembly having end saddle coils

DATE-ISSUED: July 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boskamp; Ed <u>B.</u>	Menomonee Falls	WI		
Weyers; Daniel J.	Wauwatosa	WI		

US-CL-CURRENT: 324/318; 324/307, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 8. Document ID: US 6487436 B1

L18: Entry 8 of 11

File: USPT

Nov 26, 2002

US-PAT-NO: 6487436

DOCUMENT-IDENTIFIER: US 6487436 B1

TITLE: Switchable field of view apparatus and method for magnetic resonance imaging

DATE-ISSUED: November 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boskamp; Ed <u>B.</u>	Menomonee Falls	WI		
Weyers; Daniel J.	Wauwatosa	WI		

US-CL-CURRENT: 600/422; 324/313, 324/318, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 9. Document ID: US 6476606 B2

L18: Entry 9 of 11

File: USPT

Nov 5, 2002

US-PAT-NO: 6476606

DOCUMENT-IDENTIFIER: US 6476606 B2

TITLE: Method for parallel spatial encoded MRI and apparatus, systems and other methods related thereto

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Ray F	Clifton-Park	NY		

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 10. Document ID: US 6326786 B1

L18: Entry 10 of 11

File: USPT

Dec 4, 2001

US-PAT-NO: 6326786

DOCUMENT-IDENTIFIER: US 6326786 B1

TITLE: Magnetic resonance imaging method and apparatus

DATE-ISSUED: December 4, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pruessmann; Klaas P.	Zurich			CH
Weiger; Markus	Dietikon			CH
Scheidegger; Markus B.	Bisikon			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/312; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 11. Document ID: US 5488299 A

L18: Entry 11 of 11

File: USPT

Jan 30, 1996

US-PAT-NO: 5488299

DOCUMENT-IDENTIFIER: US 5488299 A

TITLE: Nuclear magnetic resonance imaging with improved image quality and operation efficiency

DATE-ISSUED: January 30, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kondo; Masafumi	Tochigi			JP
Kawamoto; Hiromi	Tochigi			JP

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
(14 NOT 15).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	11
(L14 NOT L15).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	11

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# Hit List

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## Search Results - Record(s) 1 through 12 of 12 returned.

### 1. Document ID: US 20040152969 A1

Using default format because multiple data bases are involved.

L19: Entry 1 of 12

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152969

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152969 A1

TITLE: Method and magnetic resonance apparatus for calibrating coil sensitivities

PUBLICATION-DATE: August 5, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Qiang	Chicago	IL	US	
Wang, Jianmin	Shenzhen	IL	CN	
Simonetti, Orlando	Chicago	IL	US	
Laub, Gerhard	Chicago		US	
Kiefer, Berthold	Erlangen		DE	

US-CL-CURRENT: 600/422; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D
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### 2. Document ID: US 20030216636 A1

L19: Entry 2 of 12

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030216636

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030216636 A1

TITLE: Methods and apparatus for magnetic resonance imaging

PUBLICATION-DATE: November 20, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	West Yorkshire		GB	
Lee, Kuan	South Yorkshire		GB	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KINC	Draw De
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☐ 3. Document ID: US 20030069495 A1

L19: Entry 3 of 12

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030069495

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030069495 A1

TITLE: Apparatus and method for magnetic resonance imaging employing partially parallel acquisition

PUBLICATION-DATE: April 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agrikola, Juergen	Eltmann		DE	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KINC	Draw De
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☐ 4. Document ID: US 6734673 B2

L19: Entry 4 of 12

File: USPT

May 11, 2004

US-PAT-NO: 6734673

DOCUMENT-IDENTIFIER: US 6734673 B2

TITLE: Apparatus and method for magnetic resonance imaging employing partial parallel acquisition with formation of signal combinations and solving of an equation system based thereon

DATE-ISSUED: May 11, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agrikola, Juergen	Eltmann			DE

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KINC	Draw De
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☐ 5. Document ID: US 6564082 B2

L19: Entry 5 of 12

File: USPT

May 13, 2003



US-PAT-NO: 6564082  
DOCUMENT-IDENTIFIER: US 6564082 B2

TITLE: Method for incremental field-of-view-MR imaging

DATE-ISSUED: May 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhu; Yudong	Clifton Park	NY		

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 6104943 A

L19: Entry 6 of 12

File: USPT

Aug 15, 2000

US-PAT-NO: 6104943  
DOCUMENT-IDENTIFIER: US 6104943 A

TITLE: Phased array echoplanar imaging system for fMRI

DATE-ISSUED: August 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frederick; Blaise deB.	Lexington	MA		
Wald; Lawrence	Cambridge	MA		
Renshaw; Perry F.	Arlington	MA		

US-CL-CURRENT: 600/410; 324/309, 324/318, 600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 5928145 A

L19: Entry 7 of 12

File: USPT

Jul 27, 1999

US-PAT-NO: 5928145  
DOCUMENT-IDENTIFIER: US 5928145 A

TITLE: Method of magnetic resonance imaging and spectroscopic analysis and associated apparatus employing a loopless antenna

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Ocali; Ogan                      Baltimore              MD  
Atalar; Ergin                    Columbia              MD

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 600/411, 600/423

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 8. Document ID: US 5715822 A

L19: Entry 8 of 12

File: USPT

Feb 10, 1998

US-PAT-NO: 5715822

DOCUMENT-IDENTIFIER: US 5715822 A

TITLE: Magnetic resonance devices suitable for both tracking and imaging

DATE-ISSUED: February 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watkins; Ronald Dean	Niskayuna	NY		
Dumoulin; Charles Lucian	Ballston Lake	NY		

US-CL-CURRENT: 600/422; 128/899, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 9. Document ID: US 5572130 A

L19: Entry 9 of 12

File: USPT

Nov 5, 1996

US-PAT-NO: 5572130

DOCUMENT-IDENTIFIER: US 5572130 A

TITLE: Method and apparatus for the production of an NMR tomography image using an array of surface coils and multiplexers

DATE-ISSUED: November 5, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ratzel; Dieter	Rheinstetten			DE

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 10. Document ID: US 5560360 A

L19: Entry 10 of 12

File: USPT

Oct 1, 1996

US-PAT-NO: 5560360

DOCUMENT-IDENTIFIER: US 5560360 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Image neurography and diffusion anisotropy imaging

DATE-ISSUED: October 1, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Filler; Aaron G.	Seattle	WA		
Tsurda; Jay S.	Mercer Island	WA		
Richards; Todd L.	Seattle	WA		
Howe; Franklyn A.	London			GB2

US-CL-CURRENT: 600/408; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 11. Document ID: US 5086275 A

L19: Entry 11 of 12

File: USPT

Feb 4, 1992

US-PAT-NO: 5086275

DOCUMENT-IDENTIFIER: US 5086275 A

TITLE: Time domain filtering for NMR phased array imaging

DATE-ISSUED: February 4, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Roemer; Peter B.	Schenectady	NY		

US-CL-CURRENT: 324/309; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 12. Document ID: US 4812760 A

L19: Entry 12 of 12

File: USPT

Mar 14, 1989

US-PAT-NO: 4812760

DOCUMENT-IDENTIFIER: US 4812760 A

TITLE: Multi-dimensional selective NMR excitation with a single RF pulse

DATE-ISSUED: March 14, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		
Hardy; Christopher J.	Schenectady	NY		
O'Donnell; Matthew	Schenectady	NY		
Roemer; Peter B.	Schenectady	NY		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	ROC	Draw Dg
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Term	Documents
(12 NOT 14).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12
(L12 NOT L14).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12

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### Search Results - Record(s) 1 through 3 of 3 returned.

#### ☐ 1. Document ID: US 20030201774 A1

Using default format because multiple data bases are involved.

L23: Entry 1 of 3

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030201774  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030201774 A1

TITLE: Multiple channel, cardiac array for sensitivity encoding in magnetic resonance imaging

PUBLICATION-DATE: October 30, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Klinge, Julia Helena Anna	Milwaukee	WI	US	
Boskamp, Eddy Benjamin	Menomonee Falls	WI	US	
Davis, Steven Christopher	Oconomowoc	WI	US	
Gangakhedkar, Deependra D.	Waukesha	WI	US	
Lindsay, Scott Allen	Dousman	WI	US	

US-CL-CURRENT: [324/318](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NMC	Draw D
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#### ☐ 2. Document ID: US 20020021128 A1

L23: Entry 2 of 3

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020021128  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020021128 A1

TITLE: Magnetic resonance imaging involving movement of patient's couch

PUBLICATION-DATE: February 21, 2002

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kuhara, Shigehide	Otawara-Shi		JP	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 3. Document ID: US 5666055 A

L23: Entry 3 of 3

File: USPT

Sep 9, 1997

US-PAT-NO: 5666055

DOCUMENT-IDENTIFIER: US 5666055 A

TITLE: Surface coil system for a single channel NMR receiver

DATE-ISSUED: September 9, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jones; Randall W.	Elkhorn	NE	68022	
Davis; Fred	LaVista	NE	68128	

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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Term	Documents
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ADJOIN	36777
ADJOINA	5
ADJOINABLE	46
ADJOINABLY	1
ADJOINACT	1
ADJOINAIH	1
ADJOINALLY	1
ADJOINAN	2
ADJOINAND	1
ADJOINANP	1
(L22 AND (ADJOIN\$4) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

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[Generate OACS](#)

### Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 20040061498 A1

Using default format because multiple data bases are involved.

L25: Entry 1 of 9

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040061498

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040061498 A1

TITLE: Magnetic resonance imaging system

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ochi, Hisaaki	Tokyo		JP	
Taniguchi, Yo	Tokyo		JP	
Takahashi, Tetsuhiko	Souka-shi		JP	
Okajima, Ken?apos;ichi	Tokyo		JP	

US-CL-CURRENT: [324/318](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 2. Document ID: US 20040044280 A1

L25: Entry 2 of 9

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	Keighly		GB	
Lee, Kuan	Sheffield		GB	

US-CL-CURRENT: [600/410](#)



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20030216636 A1

L25: Entry 3 of 9

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030216636  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030216636 A1

TITLE: Methods and apparatus for magnetic resonance imaging

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	West Yorkshire		GB	
Lee, Kuan	South Yorkshire		GB	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20030184294 A1

L25: Entry 4 of 9

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030184294  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030184294 A1

TITLE: Multiple channel, neuro vascular array coil for magnetic resonance imaging

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Boskamp, Eddy Benjamin	Menomonee	WI	US	
Lorbiecki, John E.	Hubertus	WI	US	
Blawat, LeRoy Raymond II	Milwaukee	WI	US	

US-CL-CURRENT: 324/318; 324/309, 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20020180442 A1

L25: Entry 5 of 9

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180442  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020180442 A1

TITLE: MAGNETIC RESONANCE IMAGING COIL ARRAYS WITH SEPARABLE IMAGING COIL ELEMENTS

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Vij, Kamal	Chandler	AZ	US	

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 6. Document ID: US 6498489 B1

L25: Entry 6 of 9

File: USPT

Dec 24, 2002

US-PAT-NO: 6498489  
DOCUMENT-IDENTIFIER: US 6498489 B1

TITLE: Magnetic resonance imaging coil arrays with separable imaging coil elements

DATE-ISSUED: December 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vij, Kamal	Chandler	AZ	85226	

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 7. Document ID: US 5999000 A

L25: Entry 7 of 9

File: USPT

Dec 7, 1999

US-PAT-NO: 5999000  
DOCUMENT-IDENTIFIER: US 5999000 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 8. Document ID: US 5777474 A

L25: Entry 8 of 9

File: USPT

Jul 7, 1998

US-PAT-NO: 5777474

DOCUMENT-IDENTIFIER: US 5777474 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: July 7, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 9. Document ID: US 4881034 A

L25: Entry 9 of 9

File: USPT

Nov 14, 1989

US-PAT-NO: 4881034

DOCUMENT-IDENTIFIER: US 4881034 A

TITLE: Switchable MRI RF coil array with individual coils having different and overlapping fields of view

DATE-ISSUED: November 14, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaufman; Leon	San Francisco	CA		
Arakawa; Mitsuaki	Hillsborough	CA		
McCarten; Barry M.	Los Altos	CA		
Fehn; John H.	El Sobrante	CA		
Krasnor; Stephen	Oakland	CA		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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Term	Documents
WITHOUT	6396107
WITHOUTS	24
WITH-OUT	42783
WITH-OUTS	0
"WITH OUT"	0
"NOT"	3342063
NOTS	3132
OVERLAP\$4	0
OVERLAP	390515
OVERLAPA	15
OVERLAPABLE	25
(L24 AND ((WITHOUT OR WITH-OUT OR "WITH OUT" OR "NOT") WITH (OVERLAP\$4 OR OVER-1AP\$4))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	9

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